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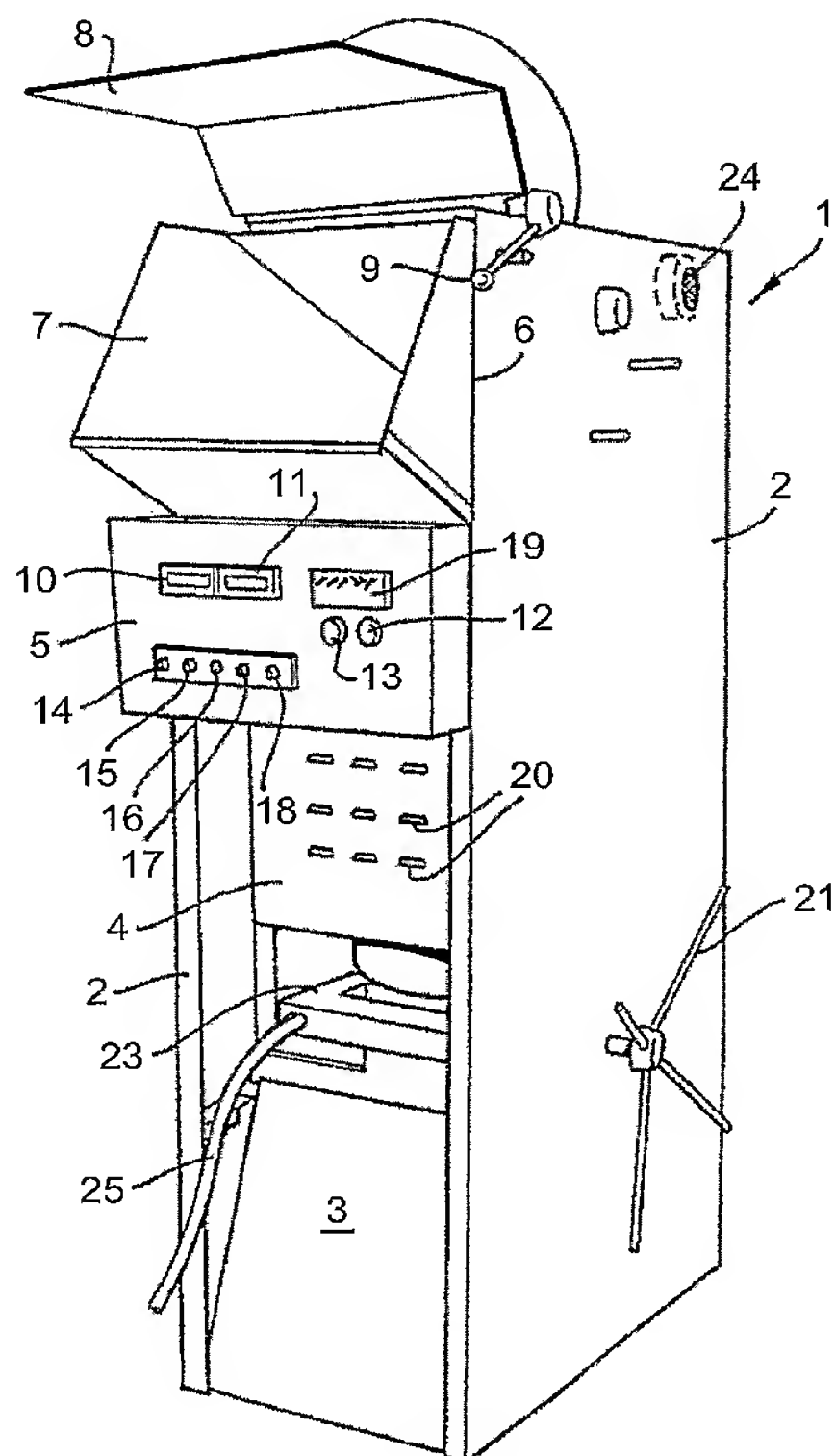
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(54) Title: TREATMENT OF PLASTIC WASTE



(57) Abstract: From one aspect, there is provided a method of treat-
ing a volume of plastics waste, the method including providing a vol-
ume of plastics waste comprising one of more plastics types, the or
each plastics types having a melting point and a flash point and pro-
viding a heating zone having an entry zone through which the volume
of plastics waste is feedable. The heating zone is brought to an op-
erating temperature so as to avoid carbonisation of the plastics waste
and the plastics waste is heated so that at least some of the plastics
is melted to form a flowable plastics melt. The flowable plastics melt
is caused to flow though the outlet under the influence of gravity into
a cooling zone during which gas is allowed to escape to facilitate the
flow. From another aspect there is provided an apparatus for treating a
volume of plastics waste including a melt chamber defining a heating
zone and heating means for heating the volume of plastics waste. The
heating means includes a plurality of heating members which extend
transversely to the flow of plastics waste and which are arranged to
create a non-uniform thermal surface in the region of an inlet of the
melt chamber.



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